SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, 10 SHS
(207) 287-5672   Fax: (207) 287-3165

PROPERTY LOCATION

City, Town, or Plantation	LAMOINE
Street or Road	776 DOUGLAS HIGHWAY
Subdivision, Lot #	

>> CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW <<

Town/City __LAMOINE__   Permit # __1715__

Date Permit Issued __9/24/13__   Fee: $__265__   Double Fee Charged [ ]

Local Plumbing Inspector Signature   L.P.I. # __1040__

□ Owner X Town □ State

The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	HENRY, DAVID ■ Owner □ Applicant
Mailing Address of Owner/Applicant	776 DOUGLAS HIGHWAY LAMOINE, ME, 04605
Daytime Tel. #	(207) 667-7182

Municipal Tax Map # __3__ Lot # __41__

OWNER OR APPLICANT STATEMENT

I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.

Signature of Owner or Applicant   Date __12/10/2013__

CAUTION: INSPECTION REQUIRED

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. __11/13/13__ (1st) date approved

Local Plumbing Inspector Signature   __11/26/13__ (2nd date approved)

PERMIT INFORMATION

TYPE OF APPLICATION
□ 1. First Time System
■ 2. Replacement System
Type replaced: __TRENCH__
Year installed: __1960's__
□ 3. Expanded System
　□ a. Minor Expansion
　□ b. Major Expansion
□ 4. Experimental System
□ 5. Seasonal Conversion

SIZE OF PROPERTY
__100±__   □ SQ. FT. ■ ACRES

SHORELAND ZONING
□ Yes   ■ No

THIS APPLICATION REQUIRES
■ 1. No Rule Variance
□ 2. First Time System Variance
　□ a. Local Plumbing Inspector Approval
　□ b. State & Local Plumbing Inspector Approval
□ 3. Replacement System Variance
　□ a. Local Plumbing Inspector Approval
　□ b. State & Local Plumbing Inspector Approval
□ 4. Minimum Lot Size Variance
□ 5. Seasonal Conversion Permit

DISPOSAL SYSTEM TO SERVE
■ 1. Single Family Dwelling Unit, No. of Bedrooms: __4__
□ 2. Multiple Family Dwelling, No. of Units: ____
□ 3. Other: ____
(specify)
Current Use □ Seasonal □ Year Round ■ Undeveloped

DISPOSAL SYSTEM COMPONENTS
■ 1. Complete Non-engineered System
□ 2. Primitive System (graywater & alt. toilet)
□ 3. Alternative Toilet, specify: ____
□ 4. Non-engineered Treatment Tank (only)
□ 5. Holding Tank, ____ gallons
□ 6. Non-engineered Disposal Field (only)
□ 7. Separated Laundry System
□ 8. Complete Engineered System (2000 gpd or more)
□ 9. Engineered Treatment Tank (only)
□ 10. Engineered Disposal Field (only)
□ 11. Pre-treatment, specify: ____
□ 12. Miscellaneous Components

TYPE OF WATER SUPPLY
■ 1. Drilled Well □ 2. Dug Well □ 3. Private
□ 4. Public □ 5. Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
■ 1. Concrete
　■ a. Regular
　□ b. Low Profile
□ 2. Plastic
□ 3. Other: ____
CAPACITY: __1000__ GAL.

SOIL DATA & DESIGN CLASS
PROFILE CONDITION DESIGN
__2/3__ / __C__ / __1__
at Observation Hole # __1__
Depth __40__ "
of Most Limiting Soil Factor

DISPOSAL FIELD TYPE & SIZE
■ 1. Stone Bed □ 2. Stone Trench
□ 3. Proprietary Device
　□ a. cluster array □ c. Linear
　□ b. regular load □ d. H-20 load
□ 4. Other: ____
SIZE: __1200__ ■ sq. ft. □ lin. ft.

DISPOSAL FIELD SIZING
□ 1. Small---2.0 sq. ft. / gpd
□ 2. Medium---2.6 sq. ft. / gpd
■ 3. Medium---Large 3.3 sq. ft / gpd
□ 4. Large---4.1 sq. ft. / gpd
□ 5. Extra Large---5.0 sq. ft. / gpd

GARBAGE DISPOSAL UNIT
■ 1. No □ 2. Yes □ 3. Maybe
If Yes or Maybe, specify one below:
□ a. multi-compartment tank
□ b. ____ tanks in series
□ c. increase in tank capacity
□ d. Filter on Tank Outlet

EFFLUENT/EJECTOR PUMP
■ 1. Not Required
□ 2. May Be Required
□ 3. Required
Specify only for engineered systems:
DOSE: ____ gallons

DESIGN FLOW
__360__ gallons per day
BASED ON:
■ 1. Table 501.1 (dwelling unit(s))
□ 2. Table 501.2 (other facilities)
SHOW CALCULATIONS
--- for other facilites ---

4 BEDROOM HOUSE
360 GPD

44-29-50
6R-20-50

□ 3. Section 503.0 (meter readings)
ATTACH WATER METER DATA

SITE EVALUATOR STATEMENT

I certify that on __11-5-04__ (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Site Evaluator Signature   SE # __319__   Date __11-15-04 UPDATED 5-7-11__
__8-18-13 WAL__

__WILLIAM A. LABELLE, JR.__   __(207) 537-5900__   __labelleseptic@rivah.net__
Site Evaluator Name Printed   Telephone Number   E-mail Address

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

HHE-200 Rev. 8/01

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Plantation	Street, Road Subdivision	Owner's Name
LAMOINE	776 DOUGLAS HIGHWAY	DAVID HENRY

SITE PLAN

Scale 1" = __50__ Ft. or as shown

SITE LOCATION PLAN
(Map from Maine Atlas recommended)

Shore Rd. — Douglas Hwy. — Jordan River Rd.
SITE #776 — Store — Partridge Cove Road — Town Hall
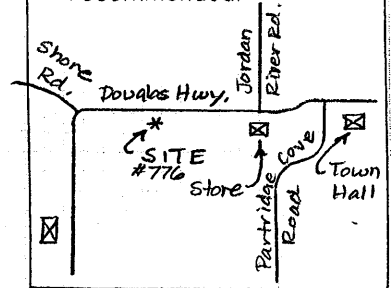
(SEE ATTACHED SITE PLAN)

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole __#1__ ■ Test Pit □ Boring
__1/2__ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Depth	Texture	Consistency	Color	Mottling
0–10	SANDY LOAM		DARK BROWN	
10–20	LOAMY COARSE		ORANGE BROWN	
20–25	SAND	FRIABLE	YELLOW BROWN	N.E.
25–40	LOAMY FINE SAND		PALE BROWN	

Soil Classification		Slope	Limiting Factor	
2/3 Profile	C Condition	13 %	40"	□ Ground Water □ Restrictive Layer □ Bedrock ■ Pit Depth

---

Observation Hole __#2__ ■ Test Pit □ Boring
__1/2__ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Depth	Texture	Consistency	Color	Mottling
0–12	SANDY LOAM		DARK BROWN	
12–20	FINE SANDY		LIGHT BROWN	
20–30	LOAM TO LOAMY	FRIABLE	PALE	N.E.
30–40	FINE SAND		BROWN	

Soil Classification		Slope	Limiting Factor	
2 Profile	C Condition	13 %	40"	□ Ground Water □ Restrictive Layer □ Bedrock ■ Pit Depth

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Site Evaluator Signature: *William C de R*

SE # __319__

Date: 11-15-04   5-7-11   8-18-13

HHE-200 Rev. 7/97

SITE PLAN:
SCALE: 1" = 50'

N

DAVID HENRY
LAMOINE
PAGE 2A

DOUGLAS HIGHWAY

DRIVE

PAVED

HOUSE

WELL ⊗

EXISTING
TANK, PUMP & REMOVE
SET NEW TANK 0' MIN
FROM BUILDINGS

BARN →

INSTALL
CLEAN-OUT
AT MIDPOINT

20'
300°

765°

106'

82'
250°

74'
252°

2 ⊕   22'6"

TP1 ⊕

11%

ERP -
APPLE TREE

PROPOSED
20'x60'
LEACHFIELD
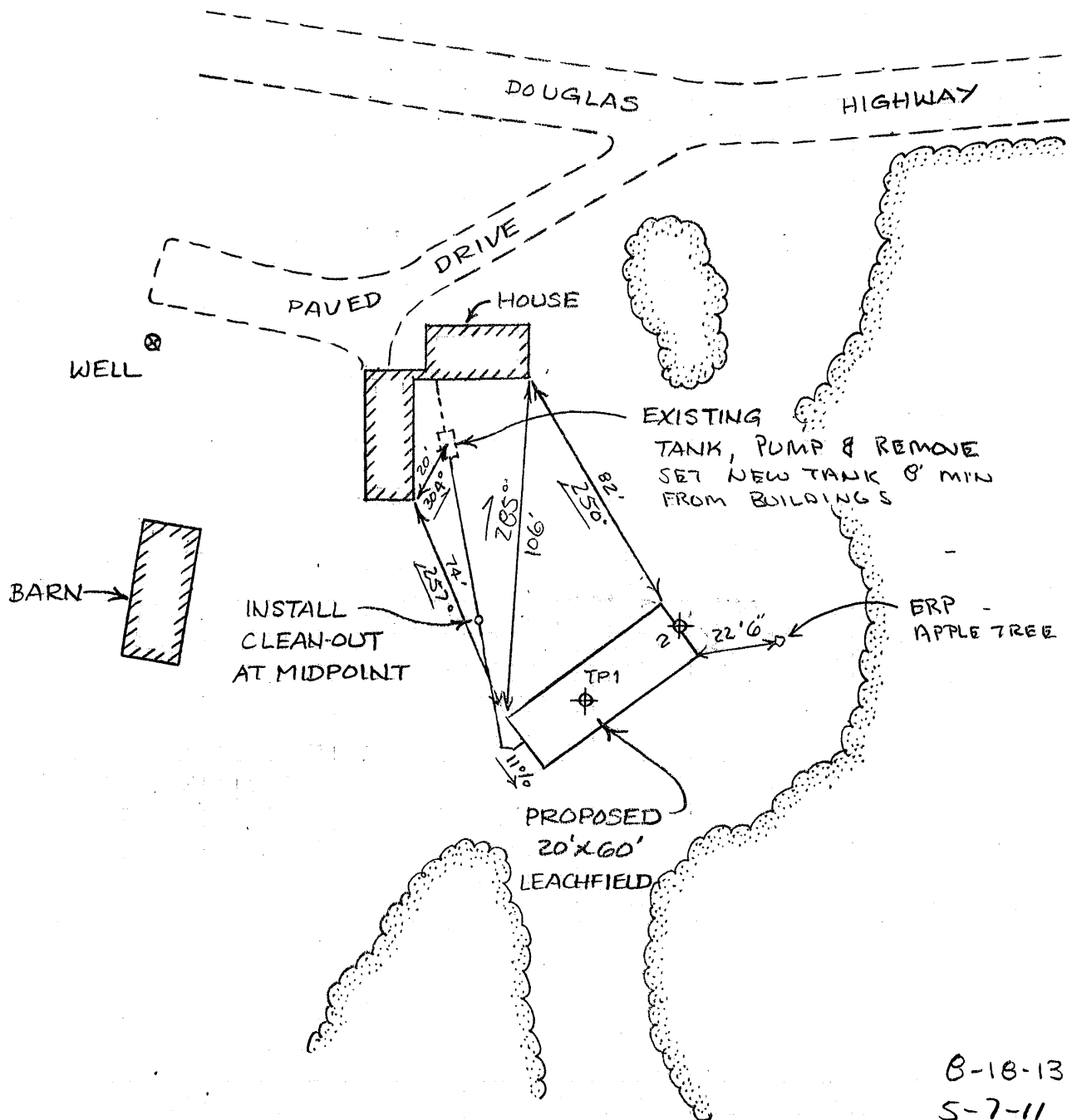
Will C 2c Ry
SITE EVALUATOR'S SIGNATURE

319
S.E.#

8-18-13
5-7-11
11-15-04
DATE

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION	Maine Department of Human Services Division of Health Engineering, Station 10 (207) 287-5672 FAX (207) 287-4172

Town, City, Plantation LAMOINE	Street, Road, Subdivision 776 DOUGLAS HIGHWAY	Owner or Applicant Name DAVID HENRY

SUBSURFACE WASTEWATER DISPOSAL PLAN   Scale 1"= __20__ ft.

HOUSE

— APPROX. BUILDING LINE

— EXISTING TANK, PUMP & REMOVE PLACE NEW TANK 8' MIN FROM BUILDINGS

ERP, NAIL IN →
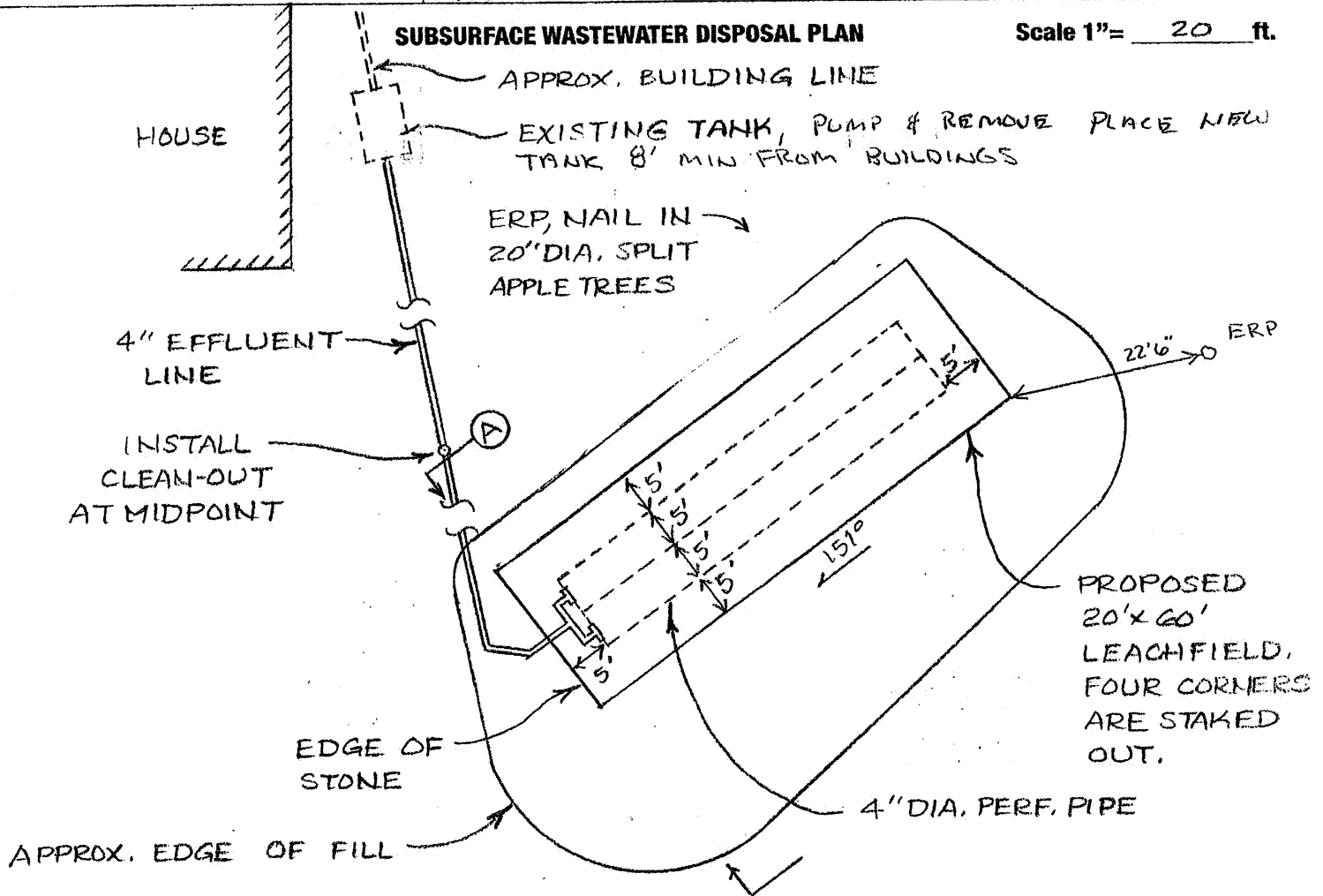20" DIA. SPLIT
APPLE TREES

4" EFFLUENT LINE

INSTALL CLEAN-OUT AT MIDPOINT

A

22'6" →O ERP

5'

5'
5'
5'
5'

151°

5'

PROPOSED 20' x 60' LEACHFIELD, FOUR CORNERS ARE STAKED OUT.

EDGE OF STONE

4" DIA. PERF. PIPE

APPROX. EDGE OF FILL —

BACKFILL REQUIREMENTS
Depth of Backfill (upslope) ___8___ "
Depth of Backfill (downslope) _27"-34-_ "
DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS
Finished Grade Elevation _-36_ "
Top of Distribution Pipe or Proprietary Device _-49_ "
Bottom of Disposal Field _-60_ "

ELEVATION REFERENCE POINT
Location & Description: NAIL 59" ABOVE GROUND IN APPLE TREE
Reference Elevation is: 0.0"

DISPOSAL FIELD CROSS-SECTION
(SEE ATTACHED)

Scales:
Vertical: 1"=_____ft.
Horizontal: 1"=_____ft.

NOTES:
1. TANK(S) MUST BE 8' MINIMUM FROM BUILDING.
2. GRADE SURROUNDING AREA TO DIVERT SURFACE WATER AWAY FROM SYSTEM.
3. ALL WORK DONE ADJACENT TO WETLANDS AND WATER BODIES MUST BE DONE IN COMPLIANCE WITH SECTION 11-M OF THE SUBSURFACE WASTEWATER DISPOSAL RULES; EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN ACCORDANCE WITH THE MARCH 2003 EDITION OF THE MAINE DEP HANDBOOK "MAINE EROSION AND SEDIMENT CONTROL BMPS" (DEPLW0588).
4. INSTALL SEPTIC TANK RISERS 18" IN DIAMETER "MINIMUM" TO WITHIN 6" OF FINISH GRADE ON INLET, CLEANOUT AND OUTLET COVERS (RECOMMEND EXTENDING RISERS TO FINISH GRADE).

8-18-13
5-7-11

William G. 2Ry   319   11-15-04   Page 3 of 3

DISPOSAL BED CROSS SECTION

A — SCALE : 1" = 5'

20 FT.

3 FT. WIDE BERM

3 FT. WIDE BERM

CROWN FINISH GRADE FROM CENTER AT 3 % SLOPE

2" COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F PLACED OVER STONE.

FILL MATERIAL SHALL BE 8"-12" THICK OVER STONE AND SHALL BE GRAVELLY COARSE SAND TO THE STANDARDS IN SEC. 11-E IN THE SUBSURFACE RULES.

TOP 4" OF FILL TO BE A GOOD LOAM SOIL MIX TO ESTABLISH A GOOD VEGETATIVE COVER: SEED AND AND MULCH TO PREVENT EROSION, SEC.11-G.

FILL EXTENSIONS NO GREATER THAN 4:1, (25% SLOPE).

ORIGINAL GRADE

REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER ENTIRE FILL AREA, SEC. 11-B.

LIMITING FACTOR

3 %

3 %

8"

12"

8"

4" PERF. PIPE, TYPICAL

BOTTOM OF STONE MUST BE LEVEL WITH MAXIMUM GRADE TOLERANCE OF 2" PER 100'.

12" CLEAN STONE, (1 1/2" DIA.), UNIFORM SIZE.

THOROUGHLY MIX, DISK OR ROTO-TILL CLEAN, COARSE, SHARP SAND INTO TOP 4 INCHES OF ORIGINAL SOIL TO CREATE A TRANSITION ZONE, SEC. 11-B.

ELEVATIONS:

ELEV. REF. PT. (ERP):	0"
FINISHED GRADE:	-36"
TOP OF DISTRIBUTION PIPE:	-49"
BOTTOM OF STONE:	-60"

NOTE:
SYSTEM MUST BE INSTALLED ACCORDING TO THE RULES AND PRACTICES SET FORTH IN THE MOST CURRENT VERSION OF THE STATE OF MAINE SUBSURFACE WASTEWATER DISPOSAL RULES. INSTALLATION CONTRATOR MUST BE FAMILIAR WITH SAID RULES AND CONSTRUCT SYSTEM IN FULL COMPLIANCE WITH SECTION 11 OF SAID RULES.

OWNER: DAVID HENRY

LOCATION: LAMOINE

WILLIAM A. LaBELLE, JR.

S.E.# 319

DATE 8-18-13

TYPICAL CLEAN-OUT
NOT TO SCALE

PROPOSED SURFACE

12" MINIMUM LENGTH OF 6" DIA. SOLID PVC CASING WITH PLUG

PLUG

4" SOLID SCH. 40 PIPE

1/8 BEND

4" SOLID SCH. 40 PIPE

4" X 4" WYE

45°

4" SOLID SCH. 40 OR SDR 35 PIPE